

House Armed Services Committee
Wilson, Frederica S.(D-FL) - Community Project Funding Requests

ID	Request Project Name	Recipient Name	Request Member's Request (in thousands, \$000)
186	Florida Memorial Avionics Smart Scholars	Florida Memorial University	\$2,000
187	HBCU Training for the Future of Aerospace	Florida Memorial University	\$1,000
188	Florida Memorial University Department of Natural Sciences STEM Equipment	Florida Memorial University	\$600

Request ID: 186			
Project Name:	Florida Memorial Avionics Smart Scholars	Request Nature:	Community Project Funding
Member Name:	Wilson, Frederica S.(D-FL)	Member's Request: (in thousands, \$000)	\$2,000
Justification:	Technology and digitization bring many advantages to aviation, but at the same time, create challenges in managing cyber vulnerabilities in this complex environment. The airline industry is an attractive target for cyber threat actors with a multitude of motivations, ranging from stealing value in data or money to causing disruptions and harm. It is necessary to continue building a pipeline of security experts to manage the ever-changing landscape of those who would do us harm.		
Project Purpose:	This authorization will provide Florida Memorial University with continued funding for their "Florida Memorial Avionics Smart Scholars" program authorized in the FY22 NDAA. The focus of these scholarships will be on Aerospace Cybersecurity in the commitment to Aviation safety. These Smart Scholars should be provided mentorship at the Air Force Technical Applications Center at Patrick AFB.		
Project City or County:	Miami Gardens	Project State:	FL
Recipient Name:	Florida Memorial University	Recipient Mailing Address:	15800 NW 42nd Ave, Miami Gardens, Florida 33054

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AND HAZARDOUS MATERIALS



FREDERICA S. WILSON
CONGRESS OF THE UNITED STATES
24TH DISTRICT, FLORIDA

DEMOCRATIC STEERING AND POLICY COMMITTEE
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June 1, 2022

The Honorable Adam Smith
Chairman
Committee on Armed Services
U.S. House of Representatives
Washington, D.C. 20515

The Honorable Mike Rogers
Ranking Member
Committee on Armed Services
U.S. House of Representatives
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Florida Memorial Avionics Smart Scholars in fiscal year 2023. The entity to receive funding for this project is Florida Memorial University located at 15800 NW 42nd Ave, Miami Gardens, Florida 33054.

The funding would be used for This authorization will provide Florida Memorial University with continued funding for their "Florida Memorial Avionics Smart Scholars" program authorized in the FY22 NDAA. The focus of these scholarships will be on Aerospace Cybersecurity in the commitment to Aviation safety. These Smart Scholars should be provided mentorship at the Air Force Technical Applications Center at Patrick AFB. I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

Frederica S. Wilson
Member of Congress

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Request ID: 187

Project Name:	HBCU Training for the Future of Aerospace	Request Nature:	Community Project Funding
Member Name:	Wilson, Frederica S.(D-FL)	Member's Request: (in thousands, \$000)	\$1,000
Justification:	The U.S. is currently dealing with shortages of both pilots and air traffic controllers, the latter due to early retirements and retention issues brought on by the stresses of the job. Additionally, the aviation industry is grappling with methods to improve inclusion and diversity. 92.3% of aircraft pilots and flight engineers in the U.S. are Caucasian, according to Data USA, and 93% are male. As the aviation industry strives to address a skills gap and the overall population becomes increasingly diverse, cultivating diversity and a culture of inclusion is likely to remain a key tenant for successful organizations and the military in the coming years.		
Project Purpose:	The goal is to help fill the shortages in "pilots and air traffic controllers" in the nation and around the world, while maximizing diversity initiatives in line with administration priorities. The local communities will improve because better opportunities will be provided while safety is improved in aerospace. The objectives for "Training for the Future of Aerospace program" include: (1) bachelor degrees in Aeronautical Science – Flight Education, and Air Traffic Control, and (2) FAA Flight Certificates up to Certified Flight Instructor CFI (3) Preparation for FAA on job training (OJT) start their careers in military or civilian spaces.		
Project City or County:	Miami Gardens	Project State:	FL
Recipient Name:	Florida Memorial University	Recipient Mailing Address:	15800 NW 42nd Ave, Miami Gardens, Florida 33054

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U.S. House of Representatives
Washington, D.C. 20515

Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for HBCU Training for the Future of Aerospace in fiscal year 2023. The entity to receive funding for this project is Florida Memorial University located at 15800 NW 42nd Ave, Miami Gardens, Florida 33054.

The funding would be used for the goal is to help fill the shortages in “pilots and air traffic controllers” in the nation and around the world, while maximizing diversity initiatives in line with administration priorities. The local communities will improve because better opportunities will be provided while safety is improved in aerospace. The objectives for “Training for the Future of Aerospace program” include: (1) bachelor degrees in Aeronautical Science – Flight Education, and Air Traffic Control, and (2) FAA Flight Certificates up to Certified Flight Instructor CFI (3) Preparation for FAA on job training (OJT) start their careers in military or civilian spaces. I certify that neither I nor my immediate family has any financial interest in this project.

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Request ID: 188			
Project Name:	Florida Memorial University Department of Natural Sciences STEM Equipment	Request Nature:	Community Project Funding
Member Name:	Wilson, Frederica S.(D-FL)	Member's Request: (in thousands, \$000)	\$600
Justification:	The purpose of this request is to provide equipment and instrumentation, as well as personnel to train students in STEM-based laboratories and hands-on research, which would translate to an increase in persistence, retention, and graduation of students who would then either enter the workforce or enter graduate/professional programs in STEM disciplines. FMU's HNS has forged and will continue to forge relationships with the surrounding community. The relationships can be strengthened if a significant amount of time and money is provided to create a culture of STEM education in the surrounding communities.		
Project Purpose:	<p>All STEM/Health and Natural Sciences (HNS) students should have access to a robust science, technology, engineering, and mathematics (STEM) education at Florida Memorial University (FMU). This is a goal in which equitable educational opportunities must be provided for all students to succeed as they matriculate through FMU, into STEM careers, and become a global citizen in their professional and private life as they contribute to society in a positive and meaningful manner. To further the goal of high-quality STEM education for all, FMU's HNS seeks financial aid in an effort to train students in the use of modern research-based methods and use of technologies that shall make them competitive upon graduation or well-trained to enter successfully STEM graduate disciplines. Therefore, the purpose of this prospectus is to inform granting agencies of the need for funds to support innovative, equity-focused STEM education strategies via obtaining instrumentation to improve hands-on research, the use of modern equipment, and project-based learning. In order to help FMU increase the competitiveness of its STEM graduates in either the workforce or in STEM graduate disciplines, the funding agencies can help support our efforts to improve STEM (practical) instruction and research, which would increase student outcomes in STEM fields, mainly by increasing persistence, retention, and graduation rates, as well as increased entry as qualified workers into the diverse and ever-growing STEM workforce.</p> <p>Florida Memorial University requests \$400,000 in order to support students and faculty to attain quality training through the procurement of up-to-date equipment and instrumentation, as well as providing basic equipment to run undergraduate laboratories and help students develop critical thinking skills through early exposure to hands-on research.</p>		
Project City or County:	Miami Gardens	Project State:	FL
Recipient Name:	Florida Memorial University	Recipient Mailing Address:	15800 NW 42nd Ave, Miami Gardens, Florida 33054

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Dear Chairman Smith and Ranking Member Rogers:

I am requesting funding for Florida Memorial University Department of Natural Sciences STEM Equipment in fiscal year 2023. The entity to receive funding for this project is Florida Memorial University located at 15800 NW 42nd Ave, Miami Gardens, Florida 33054. The funding would be used to enhance the STEM lab at Florida Memorial and to support the other NDAA projects that are being requested at Florida Memorial University. I certify that neither I nor my immediate family has any financial interest in this project.

Sincerely,

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